

1 Multilayer Reflective Films having Non-linear Spacing of Layers

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3 ABSTRACT OF THE INVENTION

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5 A reflector for reflecting a broad bandwidth of electromagnetic (EM) radiation, comprising a sheet
6 comprising a large plurality of pairs of layers of transparent polymer material parallel to a surface
7 of the sheet, each pair of layers having a difference in the index of refraction between the materials
8 in each layer of the pair, the total thickness of each pair of layers in the large plurality of layers
9 varying substantially continuously and non linearly across the thickness of the sheet, is disclosed.